

25775-czaza1.ST25.txt
SEQUENCE LISTING



<110> vogel et al., Tikva

<120> FIBRIN BINDING DOMAIN POLYPEPTIDES AND USES AND METHODS OF PRODUCING SAME

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<140> US 09/492,971

<141> 2000-01-27

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<170> PatentIn version 3.1

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35 40 45

Thr Cys Tyr Gly Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu
50 55 60

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Gly Asp Thr Tyr Glu Arg Pro Lys Asp Ser Met Ile Trp Asp Cys Thr
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Cys Ile Gly Ala Gly Arg Gly Arg Ile Ser Cys Thr Ile Ala Asn Arg
100 105 110

Cys His Glu Gly Gly Gln Ser Tyr Lys Ile Gly Asp Thr Trp Arg Arg
115 120 125

Pro His Glu Thr Gly Gly Tyr Met Leu Glu Cys Val Cys Leu Gly Asn
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Gly Lys Gly Glu Trp Thr Cys Lys Pro Ile Ala Glu Lys Cys Phe Asp
145 150 155 160

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Tyr Gln Gly Trp Met Met Val Asp Cys Thr Cys Leu Gly Glu Gly Ser
180 185 190

Gly Arg Ile Thr Cys Thr Ser Arg Asn Arg Cys Asn Asp Gln Asp Thr
195 200 205

Arg Thr Ser Tyr Arg Ile Gly Asp Thr Trp Ser Lys Lys Asp Asn Arg
210 215 220

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Lys Cys Glu Arg His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly
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Gln Pro Pro Pro Tyr Gly His Cys Val Thr Asp Ser Gly Val Val Tyr
275 280 285

Ser Val Gly Met Gln Trp Leu Lys Thr Gln Gly Asn Lys Gln Met Leu
290 295 300

Cys Thr Cys Leu Gly Asn Gly Val Ser Cys Gln Glu Thr Ala Val Thr
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Ile Ala Tyr Ser Gln Leu Arg Asp Gln Cys Ile Val Asp Asp Ile Thr
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Tyr Asn Val Asn Asp Thr Phe His Lys Arg His Glu Glu Gly His Met
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Tyr Pro Ser Ser Ser Gly Pro Val Glu Val Phe Ile Thr Glu Thr Pro
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595 600 605

His Ile Ser Lys Tyr Ile Leu Arg Trp Arg Pro Lys Asn Ser Val Gly
610 615 620

Arg Trp Lys Glu Ala Thr Ile Pro Gly His Leu Asn Ser Tyr Thr Ile
625 630 635 640

Lys Gly Leu Lys Pro Gly Val Val Tyr Glu Gly Gln Leu Ile Ser Ile
645 650 655

Gln Gln Tyr Gly His Gln Glu Val Thr Arg Phe Asp Phe Thr Thr Thr
660 665 670

Ser Thr Ser Thr Pro Val Thr Ser Asn Thr Val Thr Gly Glu Thr Thr
675 680 685

Pro Phe Ser Pro Leu Val Ala Thr Ser Glu Ser Val Thr Glu Ile Thr
690 695 700

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Gly Phe Arg Val Glu Tyr Glu Leu Ser Glu Glu Gly Asp Glu Pro Gln
725 730 735

Tyr Leu Asp Leu Pro Ser Thr Ala Thr Ser Val Asn Ile Pro Asp Leu
740 745 750

Leu Pro Gly Arg Lys Tyr Ile Val Asn Val Tyr Gln Ile Ser Glu Asp
755 760 765

Gly Glu Gln Ser Leu Ile Leu Ser Thr Ser Gln Thr Thr Ala Pro Asp
770 775 780

Ala Pro Pro Asp Pro Thr Val Asp Gln Val Asp Asp Thr Ser Ile Val
785 790 795 800

Val Arg Trp Ser Arg Pro Gln Ala Pro Ile Thr Gly Tyr Arg Ile Val
805 810 815

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Thr Ala Asn Ser Val Thr Leu Ser Asp Leu Gln Pro Gly Val Gln Tyr
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Asn Ile Thr Ile Tyr Ala Val Glu Glu Asn Gln Glu Ser Thr Pro Val
850 855 860

Val Ile Gln Gln Glu Thr Thr Gly Thr Pro Arg Ser Asp Thr Val Pro
865 870 875 880

Ser Pro Arg Asp Leu Gln Phe Val Glu Val Thr Asp Val Lys Val Thr
885 890 895

Ile Met Trp Thr Pro Pro Glu Ser Ala Val Thr Gly Tyr Arg Val Asp
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Val Ile Pro Val Asn Leu Pro Gly Glu His Gly Gln Arg Leu Pro Ile
915 920 925

Ser Arg Asn Thr Phe Ala Glu Val Thr Gly Leu Ser Pro Gly Val Thr
930 935 940

Tyr Tyr Phe Lys Val Phe Ala Val Ser His Gly Arg Glu Ser Lys Pro
945 950 955 960

Leu Thr Ala Gln Gln Thr Thr Lys Leu Asp Ala Pro Thr Asn Leu Gln
965 970 975

Phe Val Asn Glu Thr Asp Ser Thr Val Leu Val Arg Trp Thr Pro Pro
980 985 990

Arg Ala Gln Ile Thr Gly Tyr Arg Leu Thr Val Gly Leu Thr Arg Arg
995 1000 1005

Gly Gln Pro Arg Gln Tyr Asn Val Gly Pro Ser Val Ser Lys Tyr
1010 1015 1020

Pro Leu Arg Asn Leu Gln Pro Ala Ser Glu Tyr Thr Val Ser Leu
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Val Ala Ile Lys Gly Asn Gln Glu Ser Pro Lys Ala Thr Gly Val
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Phe Thr Thr Leu Gln Pro Gly Ser Ser Ile Pro Pro Tyr Asn Thr
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Asp Ile Thr Gly Tyr Arg Ile Thr Thr Thr Pro Thr Asn Gly Gln
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Gln Gly Asn Ser Leu Glu Glu Val Val His Ala Asp Gln Ser Ser
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Cys Thr Phe Asp Asn Leu Ser Pro Gly Leu Glu Tyr Asn Val Ser
1205 1210 1215

Val Tyr Thr Val Lys Asp Asp Lys Glu Ser Val Pro Ile Ser Asp
1220 1225 1230

Thr Ile Ile Pro Ala Val Pro Pro Pro Thr Asp Leu Arg Phe Thr
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Asn Ile Gly Pro Asp Thr Met Arg Val Thr Trp Ala Pro Pro Pro
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Ser Ile Asp Leu Thr Asn Phe Leu Val Arg Tyr Ser Pro Val Lys
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Asn Glu Glu Asp Val Ala Glu Leu Ser Ile Ser Pro Ser Asp Asn
1280 1285 1290

Ala Val Val Leu Thr Asn Leu Leu Pro Gly Thr Glu Tyr Val Val
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Ser Val Ser Ser Val Tyr Glu Gln His Glu Ser Thr Pro Leu Arg
1310 1315 1320

Gly Arg Gln Lys Thr Gly Leu Asp Ser Pro Thr Gly Ile Asp Phe
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Arg Ala Thr Ile Thr Gly Tyr Arg Ile Arg His His Pro Glu His
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Phe Ser Gly Arg Pro Arg Glu Asp Arg Val Pro His Ser Arg Asn
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Lys Pro Ile Ser Ile Asn Tyr Arg Thr Glu Ile Asp Lys Pro Ser
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Gln Met Gln Val Thr Asp Val Gln Asp Asn Ser Ile Ser Val Lys
1520 1525 1530

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Thr Pro Lys Asn Gly Pro Gly Pro Thr Lys Thr Lys Thr Ala Gly
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Gly Leu Ala Phe Thr Asp Val Asp Val Asp Ser Ile Lys Ile Ala
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Ser Ser Pro Glu Asp Gly Ile His Glu Leu Phe Pro Ala Pro Asp
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1655 1660 1665

Glu Tyr Thr Val Ser Val Val Ala Leu His Asp Asp Met Glu Ser
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Gln Pro Leu Ile Gly Thr Gln Ser Thr Ala Ile Pro Ala Pro Thr
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Asp Leu Lys Phe Thr Gln Val Thr Pro Thr Ser Leu Ser Ala Gln
1700 1705 1710

Trp Thr Pro Pro Asn Val Gln Leu Thr Gly Tyr Arg Val Arg Val
1715 1720 1725

Thr Pro Lys Glu Lys Thr Gly Pro Met Lys Glu Ile Asn Leu Ala
1730 1735 1740

Pro Asp Ser Ser Ser Val Val Val Ser Gly Leu Met Val Ala Thr
1745 1750 1755

Lys Tyr Glu Val Ser Val Tyr Ala Leu Lys Asp Thr Leu Thr Ser
1760 1765 1770

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Pro Arg Arg Ala Arg val Thr Asp Ala Thr Glu Thr Thr Ile Thr
1790 1795 1800

Ile Ser Trp Arg Thr Lys Thr Glu Thr Ile Thr Gly Phe Gln val
1805 1810 1815

Asp Ala Val Pro Ala Asn Gly Gln Thr Pro Ile Gln Arg Thr Ile
1820 1825 1830

Lys Pro Asp Val Arg Ser Tyr Thr Ile Thr Gly Leu Gln Pro Gly
1835 1840 1845

Thr Asp Tyr Lys Ile Tyr Leu Tyr Thr Leu Asn Asp Asn Ala Arg
1850 1855 1860

Ser Ser Pro Val Val Ile Asp Ala Ser Thr Ala Ile Asp Ala Pro
1865 1870 1875

Ser Asn Leu Arg Phe Leu Ala Thr Thr Pro Asn Ser Leu Leu Val
1880 1885 1890

Ser Trp Gln Pro Pro Arg Ala Arg Ile Thr Gly Tyr Ile Ile Lys
1895 1900 1905

Tyr Glu Lys Pro Gly Ser Pro Pro Arg Glu Val Val Pro Arg Pro
1910 1915 1920

Arg Pro Gly Val Thr Glu Ala Thr Ile Thr Gly Leu Glu Pro Gly
1925 1930 1935

Thr Glu Tyr Thr Ile Tyr Val Ile Ala Leu Lys Asn Asn Gln Lys
1940 1945 1950

Ser Glu Pro Leu Ile Gly Arg Lys Lys Thr Asp Glu Leu Pro Gln
1955 1960 1965

Leu Val Thr Leu Pro His Pro Asn Leu His Gly Pro Glu Ile Leu
1970 1975 1980

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Gly Tyr Asp Thr Gly Asn Gly Ile Gln Leu Pro Gly Thr Ser Gly
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2015 2020 2025

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2060 2065 2070

Ile Ile Ser Cys His Pro Val Gly Thr Asp Glu Glu Pro Leu Gln
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2245

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